ORDER NO. HAD8604491C8

Service Manual

Coaxial flat-speaker system

Speaker system

SB-RX50

SB-RX50

Color

(M) ...Walnut Type

Color	Areas
(M)	[E] ..... Continental Europe.
(M)	[EK] .... United Kingdom.
(M)	[EG] ... F.R. Germany.
(M)	[EB] .... Belgium.
(M)	[EH] .... Holland.
(M)	[EF] .... France.
(M)	[Ei] ..... Italy.
(M)	[EW] ... Switzerland.
(M)	[XA] .... Asia, Latin America, Middle Near East, Africa and Oceania.

SPECIFICATIONS

Type	Coaxial 2 way 2-speaker system Bass-reflex
Speakers	Woofer: 24 cm (9-1/2") Flat diaphragm type Tweeter: 2.8 cm (1-1/8") Flat diaphragm type
Impedance	6 ohms
Input Power	160 W, Music 80 W, DIN
Output Sound Pressure Level	85 dB/W (1.0 m)
Crossover Frequency	2,200 Hz
Frequency Range	30 Hz ~ 48 kHz (−16 dB)
Demensions (W×H×D)	300 × 480 × 282 mm (11-13/16" × 18-29/32" × 11-3/32")
Weight	16.5 kg (36.4 lb.)

(Specifications are subject to change without notice for further improvement.)

TECHNISCHE DATEN

Typ	Zweiwegbox mit konzentrischer Lautsprecheranordnung und Baßreflexöffnung
Lautsprecher	Tieftonlautsprecher: 24 cm, Flachmembran Hochtonlautsprecher: 2,8 cm, Flachmembran
Impedanz	6 ohms
Belastbarkeit	160 Watt Music, 80 Watt DIN
Abgegebener Schalldruckpegel	85 dB/W (in 1,0 m Abstand)
Überschneidungsfrequenz	2,200 Hz
Frequenzbereich	30 Hz ~ 48 kHz (−16 dB)
Abmessungen (B × H × T)	300 × 480 × 282 mm
Gewicht	16,5 kg

(Spezifikationen können infolge von Verbesserungen ohne Ankindigung geändert werden.)

CARACTERISTIQUES

Type	Enceinte coaxiale à deux voies Bass-reflex
Haut-parleurs	graves: 24 cm, Type à diaphragme aigus: 2,8 cm, Type à diaphragme
Impédance	6 ohms
Entrée maximale	160 watts, musique, 80 watts DIN
Niveau de pression sonore de sortie	85 dB/W (1,0 m)
Fréquence de commutation	2,200 Hz
Gamme de fréquences	30 Hz ~ 48 kHz (−16 dB)
Dimensions (L × H × P)	300 × 480 × 282 mm
Poids	16,5 kg

(Sujet à changement sans préavis.)

ESPECIFICACIONES

Tipo	Sistema de altavoces bidireccional coaxial de dos vías Reflexión de graves
Atavoz	Para graves: Diafragma plano de 24 cm Para agudos: Diafragma plano de 2,8 cm
Impedencia	6 ohmios
Potencia de entrada	160 vatios, música 80 vatios DIN
Nivel de presión acústica de salida	85 dB/W (1,0 m)
Frecuencia de cruce	2,200 Hz
Alcance de frecuencia	30 Hz ~ 48 kHz (−16 dB)
Dimensiones (An. × Al. × Prof.)	300 × 480 × 282 mm
Peso	16,5 kg

(Estas especificaciones están sujetas a cualquier cambio sin previo eviso.)

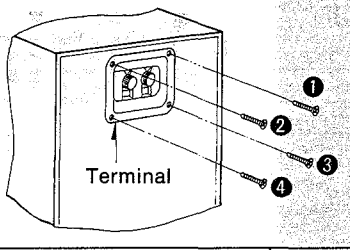
Technics

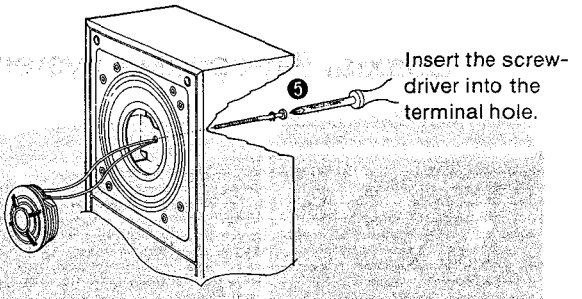
Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

■ SERVICING METHOD

Ref. No	How to remove the tweeter
1	

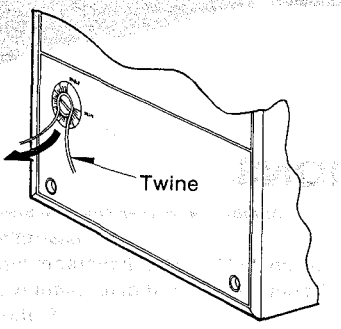
- Remove the 4 setscrews (❶ ~ ❹) which secure the terminal board and pull out the terminal board.
- Remove the setscrew (❺) of the woofer's backside, allowing removal of the tweeter from the front of the speaker.





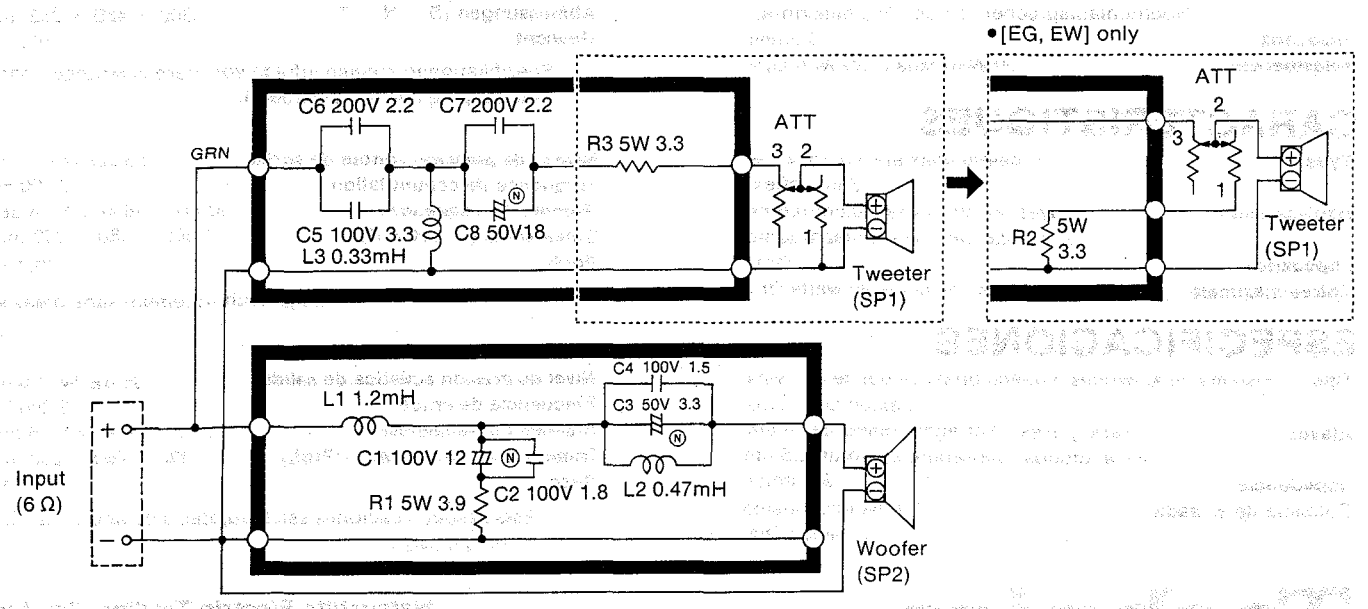
Ref. No	How to remove the attenuator knob
2	

- Push a length of strong thin twine between the panel and the knob, looping it around the knob.
- Pull both ends of the thread to remove the knob.

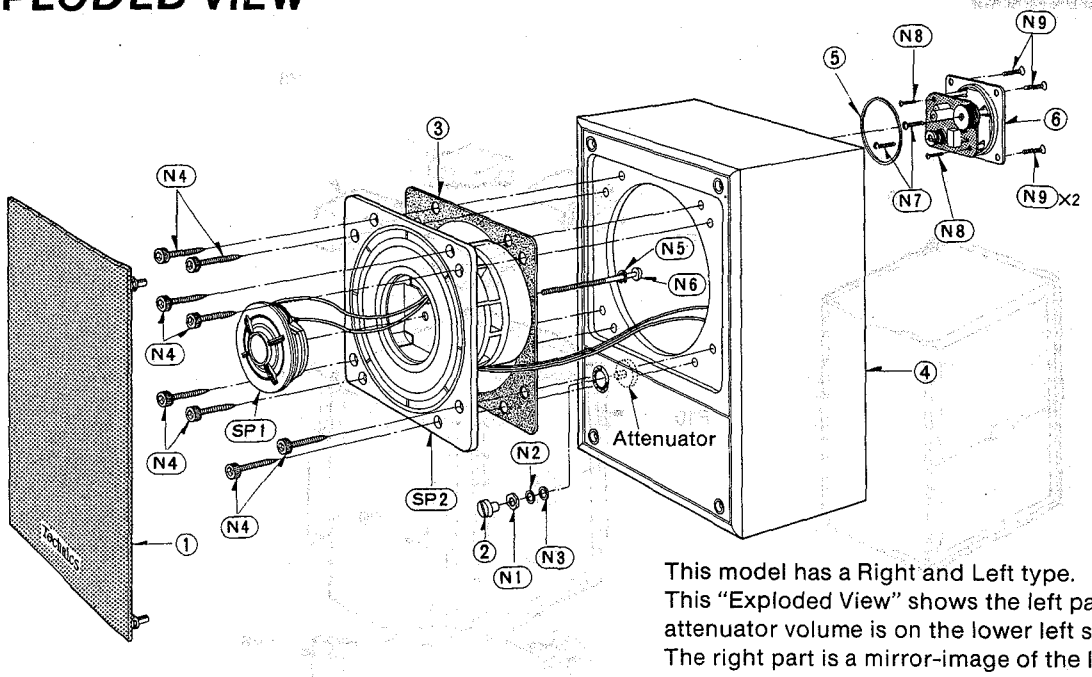


■ SCHEMATIC DIAGRAM

(This schematic diagram may be modified at any time with the development of new technology.)



■ EXPLODED VIEW



This model has a Right and Left type.
This "Exploded View" shows the left part, and the attenuator volume is on the lower left side of the grill.
The right part is a mirror-image of the left part.

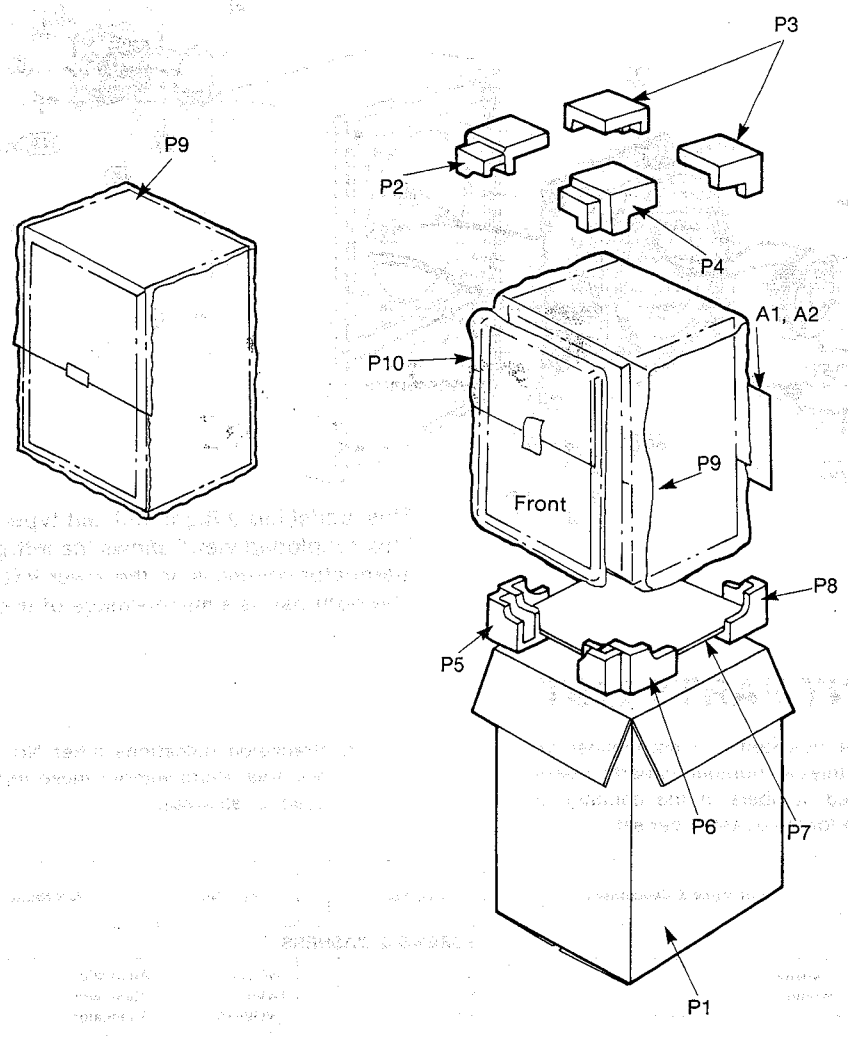
■ REPLACEMENT PARTS LIST

Notes: 1. Part numbers are indicated on most mechanical parts. Please use this part number for parts orders.
2. The parenthesized numbers in the columns of description stand for the quantity per set.
3. Bracketed indications in Ref. No. columns specify the area. Parts without these indications can be used for all areas.

Ref. No.		Part. No.	Part Name & Description	
SPEAKERS				
SP1		SASS3PH05A	Tweeter	
SP2		SASS22PL06AT	Woofer	
COILS				
L1		SLCSL122JU	1.2 mH	
L2		SLCSK471KU	0.47 mH	
L3		SLCSK331KU	0.33 mH	
CAPACITORS				
C1		QCEA100Y12C	100V, 12μF	
C2		ECQE1185KN	100V, 1.8μF	
C3		QCEA50Y3R3L	50V, 3.3μF	
C4		ECQE1155KN	100V, 1.5μF	
C5		ECQE1335KN	100V, 3.3μF	
C6, 7		ECWF2H225E46	200V, 2.2μF	
C8		QCEA50Y18L	50V, 18μF	
RESISTORS				
R1		ERF5ZXK3R9	5W, 3.9Ω	
R2 [EG, EW] only		ERF5ZXK3R3	5W, 3.3Ω	
R3 Except [EG, EW]		ERF5ZXK3R3	5W, 3.3Ω	
ATTENUATOR				
ATT		SRES2	Tweeter	
CABINET PARTS				
1		SYBS235	Net	(1)
2		SBNS10	Knob, Attenuator	(1)
3		SHRS9137	Spacer, Speaker Unit	(1)
4 [EG, EW]		SKAS2275W	Cabinet Ass'y	(1)
4 [other]		SKAS2274W	Cabinet Ass'y	(1)
5		SHRS9076	Spacer, Terminal Board	(1)
6		SJFBRX50-MM	Terminal Ass'y	(1)

Ref. No.		Part. No.	Part Name & Description	
SCREWS & WASHERS				
N1		XNGS9C	Attenuator	(1)
N2		XWV9	Attenuator	(1)
N3		XWG9E15	Attenuator	(1)
N4		SNES9014FG	Woofer	(8)
N5		XWA5B	Tweeter	(1)
N6		XSN5+90BS	Tweeter, Woofer	(1)
N7		XTB4+35BVW	P.C.B.	(2)
N8		XTB4+16B	P.C.B.	(2)
N9		XMS31+D16FZ	Terminal Board	(4)
ACCESSORIES				
A1		SQFS442	Instruction Book	(1)
A2		SWXS189-2	Speaker Cord	(1)
PACKING PARTS				
P1 [EF] only		SPG5630	Carton Box	(1)
P1 [XA] only		SPG5629	Carton Box	(1)
P1 [other]		SPG5628	Carton Box	(1)
P2		SPSS9061-1	Pad, Corner	(1)
P3		SPSS9031	Pad, Corner	(2)
P4		SPSS9061	Pad, Corner	(1)
P5		SPSS1072	Pad, Corner	(1)
P6		SPSS1072-1	Pad, Corner	(1)
P7		SPSS6382	Pad, Bottom	(1)
P8		SPSS1030	Pad, Corner	(2)
P9		SPHS6072	Sheet	(1)
P10		SPHS3X103A03	Sheet	(1)

■ PACKING



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